COMMONWEALTH OF MASSACHUSETTS
Board of Registration
of
Hazardous Waste Site Cleanup Professionals
ONE WINTER STREET, 3rd Floor
BOSTON, MA 02108
617-556-1091

APPROVED CONTINUING EDUCATION COURSES AND CONFERENCES AS OF JUNE 19, 2019

The following list contains information about all of the courses and conferences that the Board has approved as of the date listed above. This list is updated monthly. If you would like to obtain a subsequent edition of this list, it is accessible on our website: http://www.state.ma.us/lsp. If you cannot access the website, please contact LSP staff member Richard Friend at the above address or phone number.

Please note that in approving a continuing education course about a particular remediation technology or method, the Board is not endorsing or recommending the use of that technology or method.

NOTE: There are three lists on the following pages: List #1. Upcoming approved courses and conferences that Board staff is informed of;
List #2. Approved courses and conferences that may be offered at some point in the future;
List #3. Courses and conferences no longer being offered.

THE COURSES ON LISTS 2 & 3 ARE ARRANGED ALPHABETICALLY BY THE PROVIDER

NOTES CONCERNING COURSE NUMBERS ENDING IN A LETTER "a", "b", etc. Course numbers ending in a letter (e.g., 1071a) indicate courses that have been slightly altered from the initial presentation. Credit toward renewal of license will be given once for each course number, disregarding the letter suffix. Please note, this does not apply to the 1417 series of online webinars, designated with capital letters A through T.

LIST #1. UPCOMING SCHEDULE OF APPROVED COURSES

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory T= technical DEP= DEP course	Contact Information	Course Date(s)	Location
1646	Simplified Approach for Petroleum LNAPL Sites	LSPA	1	T	www.lspa.org	May 16, 2019	Double Tree Hotel Westborough, MA
1518a	Exposure Point Concentrations and You: Calculating 95% UCLs and Employing ProUCL to Compute Them for Use as EPCs	LSPA	8	T	www.lspa.org	May 22, 2019	Hilton Hotel Woburn, MA
1654	Telemetry on Active Exposure Pathway Mitigation Measures: A Look at Related Audit Findings and Challenges for LSPs and MassDEP	MassDEP	1	DEP-R	www.lspa.org	May 29, 2019	Double Tree by Hilton Andover, MA
1659	MCP Environmental Risk Characterization: An Introduction and Planning and Sampling Considerations	LSPA	1	T	www.lspa.org	May 30, 2019	Hilton Garden Inn Springfield, MA
1494	Method 3 Risk Characterization: A Short Course for LSPs	LSPA	6	T	www.lspa.org	June 4, 2019	Holiday Inn Taunton, MA
1673	Asbestos in Soil: Hidden in Plain Sight	LSPA	1	T	www.lspa.org	June 13, 2019	Woburn Hilton Woburn, MA
1670	PFAS Sampling for Environmental Professionals	RISEP	8	T	www.risep.org	June 17, 2019	The Rhode Island Foundation Providence, RI
1669	Remedy Selection: Planning for Success & Lessons Learned	NEWMOA	5.5	T	www.newmoa.org	June 26, 2019	Fireside Inn and Suites, Lebanon, NH

1664	The Use of Unmanned Aerial Vehicles in Environmental Site Characterizations	AIPG	4	T	www.aipg.org	September 16, 2019	Double Tree by Hilton Hotel, South Burlington, VT
1674	MPG Conference	NJAES	50%	T	http://www.cpe.rutgers.edu/	October 7-9, 2019	Lowes Philadelphia Hotel Philadelphia, PA
1648	Managing Construction in Contamination Areas	DEP	2	DEP-R	www.lspa.org	Anytime	**Online**
1034a	The Environmental Sampling E-Course	Nielsen Environmental	32	T	www.envirofieldschool.com	Anytime	**Online**
1035a	The Complete Ground-Water Monitoring E-Course	Nielsen Environmental	38	T	www.envirofieldschool.com	Anytime	**Online**
1675	Air and Waste Management Association Annual Conference	AWMA	½	T	https://www.awma.org/	June 25-28, 2019	**Quebec City, Canada**
1676	LNAPL Regulatory Change, Guidance and Progress	DEP	4	DEP-R	www.lspa.org	Fall 2019	**To Be Determined**
1677	Theory and Applications of ISCO Injectate Selection and In Situ Remediation Using Activated Carbon Based Injectates	LSPA	1.5	T	www.lspa.org	Late 2019 or Early 2020	**To Be Determined**
1678	The PFAS Management, Mitigation, and Remediation Conference	NGWA	12.5	T	www.ngwa.org	June 19-20, 2019	**Westerville, OH**
1038a	The Ground-Water Monitoring Well Design, Construction & Development E-Course	Nielsen Environmental	16	T	www.envirofieldschool.com	Anytime	**Online**
1039a	The Complete Ground-Water Sampling E-Course	Nielsen Environmental	25	T	www.envirofieldschool.com	Anytime	**Online**
1201a	The Soil Sampling for Volatile Organic Compounds E-Course	Nielsen Environmental	8	T	www.envirofieldschool.com	Anytime	**Online**
1571	The Complete Soil Sampling E-Course	Nielsen Environmental	18	T	www.envirofieldschool.com	Anytime	**Online**
1574	The Low-Flow Purging and Sampling and No-Purge Sampling E-Course	Nielsen Environmental	15	T	www.envirofieldschool.com	Anytime	**Online**
1417A	Boring Logs: Making Soil Descriptions That Are Complete, Accurate, & Effective	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**

1417B	Rock Core Logging for Hydrogeologic Projects: Assessing Recovery, RQD, Fractures and Statigraphy	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417C	Hydrogeology of Aquitards and Low-Permeability Materials, Part 1: Analyzing Aquitard Integrity for Water Resourses Protection and Contaminated Sites	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417D	Hydrologeology of Aquitards and Low-Permeability Materials, Part 2: Analyzing Head Distributions and Vertical Hydraulic Gradients	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417E	Ethics for Geologists and Engineers: Realizations of Everyday Decisions and Common Behaviors.	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417F	Slug Testing for Site Characterization: Practical Guidelines for Improving Efficiency and Accuracy	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417G	Pumping Tests for Aquifer Evaluation Part 1: Some Practical Guidelines to Get More from your Test Data	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417H	Pumping Tests for Aquifer Evaluation Part 2: Fundamentals of Pumping Test Interpretation	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417I	Pumping Tests for Aquifer Evaluation Part 3: Understanding Well Hydraulics through Step Tests	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417J	Pumping Tests for Aquifer Evaluation Part 4: Handling Data from Tests with Variable Pumping Rates and Interpreting Recovery Test Data	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417K	Anaerobic Attenuation of Petroleum Contamination: Advances and New Trends in Measuring Natural Attenuation	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417L	Environmental Forensics and Chemical Fingerprinting: Assessing Anaytical Methods and Understanding Hydrocarbon Chemistry	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**

1417M	Glacial Sequences Part 1: Deciphering Stratigraphy and Depositional Environments	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417N	Glacial Sequences Part II: Understanding the Effects of Post-Depositional Weathering: Development of Weathering Zones and Secondary Jointing	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417O	Managing Unanticipated Subsurface Conditions in the Field: Confident Characterizations When Budgets Matter Most	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417P	Pharmaceuticals in Ground Water: Understanding the Environmental Fate of Drugs in the Water	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417Q	LNAPL Transmissivity as a Metric: The Future in Tracking LNAPL Recovery Progress	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417R	Understanding LNAPL in Fine Grained Soil: Convention, Misconceptions and New Advances	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417S	Karst Characterization using Geophysics, Part 1: Effective Geophysical Methods for Karst	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1417T	Karst Characterization using Geophysics, Part 2: Do's and Don'ts Through Case Histories and Examples	Midwest GeoSciences Group	1.5	T	Dan Kelleher, 763-607-0092 http://www.midwestgeo.com/malsp.php MA LSP Promo Code: MALSP-79	Anytime	**Online**
1404a	Pneumatic Slug Testing	Ram's Horn	4	T	www.vgwacademy.com	Anytime	**Online**
1441	Determining Hydraulic Conductivity While Low Flow Sampling	Ram's Horn	4	T	www.vgwacademy.com	Anytime	**Online**
1463	Virtual Ground Water Academy: Slug Testing Course	Ram's Horn	4	T	www.vgwacademy.com	Anytime	**Online**
1635	Visual Sample Plan (VSP) Online Training	VSP Training LLC	32	T	https://vsp-training.teachable.com	Anytime	**Online**

LIST #2. COURSES LISTED BELOW ARE APPROVED TO BE OFFERED AT ANY TIME. TO INQUIRE ABOUT POTENTIAL OFFERING DATES, TIMES, AND LOCATIONS, PLEASE CONTACT THE PERSON LISTED FOR EACH COURSE. THE COURSES ARE ARRANGED ALPHABETICALLY BY THE PRESENTER.

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory T= technical DEP= DEP course	Contact
1318	Geophysical Site Investigation	AEG	8	T	www.aegweb.org
1223	Annual International Conference on Soils, Sediments, and Water (UMass Soils Conference	AEHS Foundation	various	T	www.aehsfoundation.org
1664	The Use of Unmanned Aerial Vehicles in Environmental Site Characterizations	AIPG	4	T	www.aipg.org
1432	Optimizing Site Assessment and Remediation to Expedite Site Closure	AMEC	9	T	Nathan Hagelin (207) 828-3508
1509	Air Sparging & Soil Vapor Extraction	ARCADIS	5.5	T	www.arcadis-us.com
1510	Monitored Natural Attenuation	ARCADIS	5.5	T	www.arcadis-us.com
1164	Wetlands, Wetland Regulations and the MCP	Assoc. of Mass Wetland Scientists/LSPA	8	R	William Kuriger (978) 667-4340
1288	International In Situ and On-Site Bioremediation Symposium	Battelle	50%	T	www.battelle.org
1495	International Conference on Remediation of Chlorinated and Recalcitrant Compounds	Battelle	various	T	www.battelle.org
1520	Eighth International Conference on Remediation and Management of Contaminated Sediments	Battelle	various	T	www.battelle.org
1589	Ninth International Conference on Remediation and Management of Contaminated Sediments	Battelle	various	T	www.battelle.org
1600	Fourth International Symposium on Bioremediation and Sustainable Environmental Technologies	Battelle	various	T	www.battelle.org
1651	Tenth International Conference on Remediation and Management of Contaminated Sediments	Battelle	various	T	www.battelle.org
1663	Fifth International Symposium on Bioremediation and Sustainable Environmental Technologies	Battelle	various	T	www.battelle.org
1559	Return on Remediation Investments (RORI) For TCE Mass Flux Reduction	Cascade Technical Services	6	T	Rob Danckert (978) 495-6808
1672	Minerology	Central Connecticut State University	12	T	Admissions 860-832-2278 admissions@ccsu.edu
1650	The Dynamic Earth	Central Connecticut State University	8	T	Admissions 860-832-2278 admissions@ccsu.edu
1492	Obtaining A Brownfields: Why You May Be Closer Than You Think	Cherrytree Group	2	T	www.cherrytree-group.com
1530	Developing a Brownfields Site: Building a Toolkit for Success	Cherrytree Group	3	T	www.cherrytree-group.com

1474	FEFLOW Introduction to Groundwater Modeling	DHI Academy	33	T	Barbara White bwh@dhigroup.com
1422	Managing Construction Activities at Disposal Sites	DEP	2	DEP-R	www.lspa.org
1423	Meeting MCP Requirements for Ecological Risk Assessment	DEP	2	DEP-R	www.lspa.org
1429	Downgradient Property Status	DEP	2	DEP-R	www.lspa.org
1434	Strategies for Tackling Brownfield's Redevelopment Challenges	DEP	2	DEP-R	www.lspa.org
1444	Vapor Intrusion	DEP	1	DEP-R	www.lspa.org
1447	Regulatory Overview of MCP Remediation Waste Management	DEP	2	DEP-R	www.lspa.org
1449	Risk Assessment, Risk Management and the Significance of the Risk	DEP	2	DEP-R	www.lspa.org
1455	Sighting Renewable Energy in Contaminated Land in Massachusetts	DEP	4	DEP-R	www.lspa.org
1470	Incremental Sampling Methodology	DEP	1	DEP-R	www.lspa.org
1471	An Overview of Proposed Amendments to the Massachusetts Contingency Plan	DEP	1	DEP-R	www.lspa.org
1472	Demystifying the Audit Process	DEP	1	DEP-R	www.lspa.org
1473	Characterization of #2 Fuel Oil Spills	DEP	2	DEP-R	www.lspa.org
1489	Enforcement Under Chapter 21	DEP	1	DEP-R	www.lspa.org
1499	PCE and TCE Toxicity and Risk-Based Value Updates	DEP	1	DEP-R	www.lspa.org
1505	MassDEP VPH, EPH, and APH Methods Workshop	DEP	4	DEP-R	www.aehsfoundation.org
1512	Greener Cleanups Under the MCP	DEP	4	DEP-R	www.lspa.org
1523	Geothermal/GSHP Application Opportunities under the MCP- A Component or Repurposing of Greener Cleanup Remedies	DEP	3 5	DEP-R T	www.lspa.org
1524	The Vapor Intrusion Issue and What We Have Learned: an Updated Perspective on Investigating the Pathway, Sampling Techniques and Effective Mitigation Measures	DEP	4 4	DEP-R T	www.lspa.org
1538	Quantitative Evaluation for Greener Cleanups Using SEFA	DEP	4	DEP-R	www.aehsfoundation.org
1545	An Introduction on Risk Communication for LSPs	DEP	2	DEP-R	www.lspa.org
1566	Historic Fill	DEP	1.5	DEP-R	www.lspa.org
1575	Ensuring Approval and Acceptance of Contaminated Soil	DEP	1 0.5	DEP-R T	www.lspa.org
1579	MCP Audit/Enforcement 2016-Case Studies	DEP	4	DEP-R	www.lspa.org
1580	Vapor Intrusion Assessment and Mitigation in Massachusetts: Status of Sites, Findings from the Field, and Guidance for Practitioners	DEP	4	DEP-R	www.aehsfoundation.org
1591	The Audit Process- 24 Years Later!	DEP	1	DEP-R	www.lspa.org
1601	New VPH Method and Other MCP Current Issues	DEP	4	DEP-R	www.lspa.org
1605	Meeting the Requirements of the National Pollutant Discharge Elimination System (NPDES) Remediation General Permit	DEP	4	DEP-R	www.lspa.org
1608	Per- and Polyfluoroalkyl Substances (PFAS): The Latest Information	DEP	2 2	DEP-R T	www.aehsfoundation.org
1610	Enforcement Basics, As Applied To M.G.L. ch. 21E and the MCP	DEP	2	DEP-R	www.lspa.org

1618	Right from the Start: Complying with MCP Notification and Preliminary Response Action Requirements	DEP	4	DEP-R	www.lspa.org
1619	A Fresh Look at Brownfields Challenges and Opportunities	DEP	1	DEP-R	www.lspa.org
1620	Waste Management Considerations for MCP Projects	DEP	1 0.5	DEP-R T	www.lspa.org
1625	Case Studies of Site Remediation Using Greener Cleanup Principles	DEP	1	DEP-R	www.lspa.org
1648	Managing Construction in Contamination Areas	DEP	2	DEP-R	www.lspa.org
1653	Proposed DEP Amendments	DEP	1.5	DEP-R	www.lspa.org
1654	Telemetry on Active Exposure Pathway Mitigation Measures: A Look at Related Audit Findings and Challenges for LSPs and MassDEP.	DEP	1	DEP-R	www.lspa.org
1631	Briefing from the Statewide Leadership Team of the MassDEP Bureau of Waste Site Cleanup	DEP & EBC	2	DEP-R	www.ebcne.org
1464	Horizontal Remediation Wells	Directional Tech.	8	T	www.directionaltech.com
1439	Sub-slab Mitigation Systems for Vapor Intrusion	Environmental Business Council (EBC)	2	T	www.ebcne.org
1551	EBC Site Remediation Program: MassDEP Interim Policy on Re-Use of Soil for Large Reclamation Projects	EBCNE	2.5	T	www.ebcne.org
1552	EBC Site Remediation Program: Brownfields Massachusetts Update	EBCNE	3	T	www.ebcne.org
1568	EBC Site Remediation & Redevelopment Program: Risk Communication	EBCNE	2.25	T	www.ebcne.org
1598	Contaminated Property Buying/Selling Strategies- A MOCK Transaction- Part Two: Development and Build-Out Planning	EBCNE	3.5	T	www.ebcne.org
1622	EBC Site Remediation and Redevelopment Program: Evaluation and Closure of NAPL Sites	EBCNE	2	T	www.ebcne.org
1649	EBC Site Remediation & Redevelopment Program: The 2018 MCP Amendments	EBCNE	1.25	T	www.ebcne.org
1665	Understanding the Science and Toxicity of PFAS – A Deeper Dive	EBCNE	3.5	T	www.ebcne.org
1212	Basic Principles of Groundwater Flow and Contaminant Migration	EBI	4	T	www.ebiconsulting.com
1213	Site Assessment and Remediation Concepts	EBI	4	T	www.ebiconsulting.com
1292	Management and Transportation of Multiple Waste Streams Generated at Waste Cleanup Sites.	EBI	4	R	www.ebiconsulting.com
1304	Remedial Technologies for Contaminated Groundwater	EBI	8	T	www.ebiconsulting.com
1314	Groundwater Flow in Fractured Bedrock	EBI	8	T	www.ebiconsulting.com
1336	Aquifer Testing	EBI	8	T	www.ebiconsulting.com
2014	Recycling & Beneficial Uses of Petroleum-Contaminated Soils Processed with the Cold-Mix, Asphalt Emulsion Technology	EBI	8	T	www.ebiconsulting.com
2014	Beneficial Uses of Petroleum-Contaminated Soils Processed with the Cold-Mix, Asphalt Emulsion Technology	EBI	8	T	www.ebiconsulting.com

1435	Reading the Post-Glacial Landscape	ECS	4	T	www.ecsconsult.com
1436	Pioneer Valley's Post-Glacial Landscape	ECS	8	T	www.ecsconsult.com
1446	UST Assessment Monitoring and Regulatory Compliance	ECS	2	T	www.ecsconsult.com
1543	A Licensed Site Professional's Guide for Understanding and Navigating Through the Regulatory and Technical Challenges of an UST Release in Massachusetts	ECS	6.75	T	www.ecsconsult.com
1543a	A Licensed Site Professional's Guide for Understanding and Navigating Through the Regulatory and Technical Challenges of an UST Release in Massachusetts	ECS	4	T	www.ecsconsult.com
1557	Legal Challenges Affecting the Role of the LSP and the LEP at Massachusetts and Connecticut UST Sites	ECS/NISTM	2	T	www.ecsconsult.com
1554	Remediation Workshop 2015	EnviroWorkshops	4	T	www.enviroworkshops.com
1583	Remediation Workshop 2016	EnviroWorkshops	4	T	www.enviroworkshops.com
1604	Remediation Workshop 2017	EnviroWorkshops	4	T	www.enviroworkshops.com
1632	Remediation Workshop 2018	EnviroWorkshops	4	T	www.envirworkshops.com
1666	Vapor Intrusion Workshop	EnviroWorkshops	4	T	www.envirworkshops.com
1667	Remediation Workshop 2019	EnviroWorkshops	4	T	www.envirworkshops.com
1154A	Practical Methods in Applied Geochemistry: From Characterization to Remediation	EPOC	8	T	www.epoc.org
1214	Principles and Field Techniques for Characterizing Contaminant Migration in Fractured Rock	EPOC	8	T	www.epoc.org
1227	Aquifer Behavior and Testing	EPOC	8	T	www.epoc.org
1235	Effective Site Characterization Through Conceptual Site Modeling	EPOC	6	T	www.epoc.org
1260	Vapor Intrusion Seminar	EPOC	8	T	www.epoc.org
1313	Practical Methods in Geochemical Tracers: From Characterization to Remediation	EPOC	8	T	www.epoc.org
1337	Aquifer Test Analysis in Fractured Rock with Emphasis on Nonstandard Approaches and Interpretations	EPOC	8	T	www.epoc.org
1350	Site Characterization Guidance Document	EPOC	4	T	www.epoc.org
1364	Connecticut Geology-Understanding the Nature & Distribution of the State's Glacial Materials	EPOC	4	T	www.epoc.org
1378	Combining Engineered Contaminant Source-area Treatment Technologies with Monitored Natural Attenuation for Site Cleanup	EPOC	8	T	www.epoc.org
1256	A Short Course in Hydrogeological Applications of Environmental Geophysics Technologies	EPOC	8	T	www.epoc.org
1256a	A Short Course in Hydrogeological Applications of Environmental Geophysics Technologies	EPOC	8	T	www.epoc.org
1460	LNAPL Mass, Mobility and Recoverability Evaluation	EPOC	4	T	www.epoc.org
1469	A Short Course in Contaminated Fractured Rock Hydrogeology and Geophysics	EPOC	8	T	www.epoc.org
1496	Direct Push Methods for Groundwater Sampling to Support High Resolution Site Characterization	EPOC	8	T	www.epoc.org
1518	Understanding ProUCL and Use of the 95% UCL to Demonstrate	EPOC	6	T	www.epoc.org

	Compliance with RSR Criteria				
1519	Conceptual Site Modeling and the Data Quality Objectives Approach to Site Characterization	EPOC	8	T	www.epoc.org
1527a	Contaminant Fate and Transport Processes	EPOC	8	T	www.epoc.org
1582	Sonic Drilling Overview and Field Demonstration	EPOC	4	T	www.epoc.org
1587	In-Situ Thermal Remediation at the SRSNE Superfund Site	EPOC	4	T	www.epoc.org
1593	Dissolved Oxygen Alteration Method for Fractured Bedrock Wellbore Flow Characterization	EPOC	4	T	www.epoc.org
1629	Low Flow Sampling and Hydraulic Conductivity Analysis	EPOC	4	T	www.epoc.org
1656	ISCO/ISCR Permeable Reactive Barrier (PRBs) to Prevent Migration of Contaminant Plumes	EPOC	2	T	www.epoc.org
1657	Remediation of Heavy Metals Using Insitu Approaches That Combines Multiple Mechanisms	EPOC	2	T	www.epoc.org
1661	Sampling Domestic Wells for Contamination: Overcoming Concentration Averaging Issues	EPOC	4	T	www.epoc.org
1668	Application of Flexible Liner Underground Technologies (FLUTe) in Groundwater Contaminant Investigations	EPOC	8	T	www.epoc.org
1476a	Air and Soil Gas Sample Collection and Analysis: How to Collect Relevant and Representative Data	EPOC	3.5	T	www.epoc.org
1385	SESOIL and AT123D Modeling	ESCI, LLC	8	T	www.seview.com
1385a	SESOIL and AT123D Modeling	ESCI, LLC	16	T	www.seview.com
1385b	Introduction to SEVIEW 7.1- SESOIL and AT123D Modeling	ESCI, LLC	4	T	www.seview.com
1385c	Hands-On SESOIL and AT123D Training	ESCI, LLC	8	T	www.seview.com
1546	An AqSim Short Course	Fitts Geosolutions	14	T	www.fittsgeosolutions.com
1400	Reading Different New England Landscapes	Fletcher	10	T	www.pfdigsoil.com
1419	Soil Field Skills Workshop for LSPs	Fletcher	8	T	pfdigsoil@gmail.com
1621	Focused Remediation Seminars 2018	Focused Remediation Seminars	5.5	T	www.focusedremediationseminars.com
1526	MGP 2015 Conference	GEI Consultants	50%	T	www.mgpconference.com
1609	MGP 2017 Conference	GEI Consultants	50%	T	www.mgpsymposium.com
1513	Workshop on Advanced Investigation and Contaminant Remediation at Diffusion Limited Sites	GEO	7	T	www.georemco.com
1553	Introduction to Measuring and Interpreting Fluxes Between Groundwater and Surface Water	GeoPractical	8	T	www.geopractical.com
1570	Bedrock Characterization for Hydrogeologic Evaluation in Eastern New England	GeoPractical	8	T	www.geopractical.com
1576	Introduction to Arsenic in New England Soil and Groundwater	GeoPractical	8	T	www.geopractical.com
1584	Introduction to Ground Penetrating Radar in Environmental Investigation	GeoPractical	8	T	www.geopractical.com
1585	Glacial Geology of Northward Flowing Watersheds-Field Trip	GeoPractical	8	T	www.geopractical.com

	through the Nashua and Concord River Watersheds				
1590	Introduction to Groundwater Modeling	GeoPractical	4	T	www.geopractical.com
1590a	Introduction to Groundwater Modeling	GeoPractical	6	T	www.geopractical.com
1607	Introduction to New England Hydrogeology	GeoPractical	8	T	www.geopractical.com
1623	Geochemical Consequences of Landfill Impacts- From Data Analysis to Conceptual Model	GeoPractical	8	T	www.geopractical.com
1407	Geologic Society of Connecticut Field Trip	Geo. Society of CT	4	T	Gail Batchelder
1324	Assessment of LNAPL Mobility and Recoverability	Groundwater & Environmental Services, Inc.	8	T	
1548	Distal Glaciodeltaic Controls On Groundwater Flow and Contaminant Migration	GZA GeoEnvironmental, Inc.	6	T	
1562	The Vapor Intrusion Risk Pathway: A Practical Guide	Hartman Environmental Geoscience	14	T	www.hartmaneg.com
1563	In Situ Remediation Technologies Workshop	ISOTEC	7	T	www.insituoxidation.com
1564	Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management	ITRC	16	T	www.itrcweb.org
1645	Vapor Mitigation Strategies	JessCo	1	T	
1125	Professionalism & Professional Ethics for LSPs & LEPs	LSPA/EPOC	8	T	www.lspa.org
1154	Practical Methods in Applied Contaminant Geochemistry: From Characterization to Remediation	LSPA	8	T	www.lspa.org
1180	Quantitative Hydrogeology	LSPA	8	T	www.lspa.org
1181	Site Characterization and Remediation for DNAPLs	LSPA	8	T	www.lspa.org
1199	Monitored Natural Attenuation	LSPA	8	T	www.lspa.org
1223-2016a	Measuring Biological Exposure to Environmental Chemicals	LSPA	4	T	www.lspa.org
1223-2016b	Assessment and Response to Perfluorinated Compounds in Groundwater and Soils in the Cape Cod Aquifer	LSPA	1	T	www.lspa.org
1228	Risk Assessment and Remediation at Sediment and Surface Water	LSPA	8	T	www.lspa.org
1232	Hydrogeology of Massachusetts	LSPA	8	T	www.lspa.org
1243	Enhanced Bioremediation	LSPA	8	T	www.lspa.org
1254	Evaluation of Data Quality for MCP Submittals	LSPA/NEH	4	T	www.lspa.org
1272	MCP Method 3 Risk Characterization for LSPs	LSPA	8	T	www.lspa.org
1275	In-Situ Chemical Oxidation	LSPA	4	T	www.lspa.org
1278	MCP Method 2 Risk Characterization	LSPA	4	T	www.lspa.org
1280	A Toolbox of Techniques to Generate Data for Environmental Risk Characterizations	LSPA	8	T	www.lspa.org
1281	Advanced Statistics	LSPA	8	T	www.lspa.org

1282	Evaluating Groundwater Flow and Chemical Transport Modeling: Guidelines for Hydrogeologists Who Don't "Model".	LSPA	8	T	www.lspa.org
1284	Data Usability Assessment	LSPA	4	T	www.lspa.org
1285	Demystifying the Activity and Use Limitation	LSPA	4	R	www.lspa.org
1304	Remedial Technologies for Contaminated Groundwater	LSPA	8	T	www.lspa.org
1314	Groundwater Flow in Fractured Bedrock	LSPA	8	T	www.lspa.org
1315	Groundwater Quality and Geochemistry	LSPA	8	T	www.lspa.org
1316	Groundwater Concepts Review with Introduction to State of the Art Modeling Methods	LSPA	8	T	www.lspa.org
1317	Use of the CSM Process to Support MCP Deliverables	LSPA	8	T	www.lspa.org
1324	Assessment of LNAPL Mobility and Recoverability	LSPA	8	T	www.lspa.org
1329	Integrating Expedited Site Assessment Into 310 CMR 40.0800	LSPA	8	T	www.lspa.org
1330	Environmental Law for LSP's	LSPA	2	R	www.lspa.org
1332	Slug Test Field Course	LSPA	8	T	www.lspa.org
1335	Overview of Vapor Intrusion and Mitigation Issues for LSPs	LSPA	4	T	www.lspa.org
1340	Vapor Intrusion and Mitigation Issues facing LSPs with Special Emphasis on Sampling and Analysis	LSPA	4	T	www.lspa.org
1352	Introduction to Short Forms for Human Health Risk Assessment	LSPA	4	T	www.lspa.org
1353	Glacial Geology of Massachusetts for LSPs	LSPA	4	T	www.lspa.org
1369	Aquifer Analysis	LSPA	8	T	www.lspa.org
1371	Vapor Intrusion for LSPs—Investigation, Sampling & Mitigation Techniques	LSPA	8	T	www.lspa.org
1372	Improve Your Understanding of Ecological Risk Assessments to Write a Better RAO	LSPA	4	T	www.lspa.org
1373	Laboratory Interface Training Course	LSPA	4	R	www.lspa.org
1384	MCP Risk Management	LSPA	8	T	www.lspa.org
1386	DNAPL Source Zones: Contaminant Distribution and Remediation Challenges	LSPA	4	T	www.lspa.org
1392	Fracturing & Injection Technologies	LSPA	8	T	www.lspa.org
1395	Advanced Tools for In-Situ Remediation	LSPA	8	T	www.lspa.org
1402	Case Studies of MassDEP Findings on Environmental Risk Characterizations	LSPA	8	T	www.lspa.org
1404	Pneumatic Slug Testing	LSPA	8	T	www.lspa.org
1406	MCP for Everyone	LSPA	4	R	www.lspa.org
1409	GIS Applications for Environmental Professionals	LSPA	8	T	www.lspa.org
1410	Natural and Historic Fill Soils – Formation and Chemical Quality	LSPA	4	T	www.lspa.org
1411	Application of MNA for Groundwater Remediation Using BIOCHLOR, BIOSCREEN, and Source DK Software Models	LSPA	8	T	www.lspa.org
1420	Fundamentals of Organic Chemistry	LSPA	8	T	www.lspa.org
1421	Surveying for Environmental Professionals	LSPA	6	T	www.lspa.org
1424	In-situ Chemical Oxidation	LSPA	4	T	www.lspa.org
1425	Surfactant Enhanced Fluid Recovery	LSPA	4	T	www.lspa.org
1437	Potential False Positives in Volatile Petroleum Hydrocarbons	LSPA	1	T	www.lspa.org

	(VHP) Analytical Methods: The Effect of non-Target Compounds on MCP Decision Making				
1438	Pioneer Monitoring and Remediation Optimization System Software (MAROS)	LSPA	8	T	www.lspa.org
1443	Applied Florescence Tracing Tools to Identify Preferential Groundwater Flow	LSPA	8	T	www.lspa.org
1450	Putting the Line of the Map: Issues Encountered in Defining the Boundaries of an MCP Disposal Site	LSPA	2	T	www.lspa.org
1451	Expedite Site Assessment using Membrane Interface Probe (MIP) and Hydraulic Profiling Tool (HPT) Logging Technology	LSPA	8	T	www.lspa.org
1454	2D and 3D Environmental Data Visualization	LSPA	4	T	www.lspa.org
1458	Aqueous Organic and Metals Geochemistry	LSPA	8	T	www.lspa.org
1459	Characterization and Remediation of PCB-Contaminated Sites	LSPA	1	T	www.lspa.org
1460	LNAPL Mass, Mobility and Recoverability Evaluation	LSPA	4	T	www.lspa.org
1461	PCBs for Environmental Professionals	LSPA	4 4	T DEP-R	www.lspa.org
1462	Membrane Interface Probe Profiling System/Technology	LSPA	1	T	www.lspa.org
1467	Bioremediation. Principles, Techniques, and Applications	LSPA	4	T	www.lspa.org
1468	Preparing Conclusive MCP Phase Reports	LSPA	5	T	www.lspa.org
1468a	Preparing Conclusive MCP Phase Reports	LSPA	6	T	www.lspa.org
1469	A Short Course in Contaminated Fractured Rock Hydrogeology and Geophysics	LSPA	8	T	www.lspa.org
1476	Air and Soil Gas Sample Collection and Analysis: How to Collect Relevant and Representative Data	LSPA	4	T	www.lspa.org
1480	Study of Indoor Air Background Levels of VOCs and Air-Phase Petroleum	LSPA	1	T	www.lspa.org
1485	Applied Metals Geochemistry	LSPA	4	T	www.lspa.org
1486	LNAPL Assessment and Extraction Technologies	LSPA	1	T	www.lspa.org
1487	The Crisis of Soil Management for Development Projects in Massachusetts	LSPA	1	T	www.lspa.org
1488	Horizontal Remediation Wells: Transferring Effective Technologies from the Oil Industry to Environmental Remediation	LSPA	1	T	www.lspa.org
1494	Method 3 Risk Characterization: A Short Course for LSPs	LSPA	6	T	www.lspa.org
1496	Direct Push Methods for Groundwater Sampling to Support High Resolution Site Characterization	LSPA	8	T	www.lspa.org
1497	Vapor Intrusion Site Management	LSPA	1	T	www.lspa.org
1502	Who's Paying for This Cleanup	LSPA	1	R	www.lspa.org
1504	Introduction to Environmental Forensics of Organic Chemicals	LSPA	8	T	www.lspa.org
1507	Effective Data Visualization for Environmental Professionals	LSPA	8	T	www.lspa.org
1508a	DNAPL Site Remediation: A Short Course for LSPs	LSPA	4	T	www.lspa.org
1511	Remote Telemetry in SSDS Installations	LSPA	1	T	www.lspa.org
1514	LNAPL and VI Sites: Using AULs for Site Closure Under the New MCP	LSPA	1	R	www.lspa.org

1515a	The New MCP for Everyone: A Practical Understanding of the Massachusetts Contingency Plan	LSPA	4.5	R	www.lspa.org
1516	LSPs and Lawyers:Working Together on MCP Projects	LSPA	1	T	www.lspa.org
1517	Six Months Later:What the 2014 MCP Amendments Mean for Remediation, Closure, and Development	LSPA	1	R	www.lspa.org
1522	Practical Applications of Petroleum Hydrocarbon Chemistry	LSPA	8	T	www.lspa.org
1529	Evaluating Wetlands Doesn't Have to be Risky Business	LSPA	1	T	www.lspa.org
1531	Use of Surface Geophysical Tools for Subsurface Assessment: From Theory to Hydrogeologic Cases	LSPA	1	T	www.lspa.org
1533	Ground Water to Surface Water Transitions- A Short Course for LSPs	LSPA	6	T	www.lspa.org
1534	Surveying for Environmental Professionals	LSPA	6	T	www.lspa.org
1536	Emerging Contaminants	LSPA	4	T	www.lspa.org
1539	2015 Soil Management Options: Will The Crisis Be Averted?	LSPA	1	T	www.lspa.org
1540	New Data for Background Indoor Air Levels of VOCs and APH in Office Buildings and Schools	LSPA	1	T	www.lspa.org
1544	Estimating LNAPL Transmissivity: A Guide to Using ASTM Standard Guide E2856	LSPA	16	T	www.lspa.org
1549	Ethical Dilemmas: Black Lines or Shades of Gray?	LSPA	1	T	www.lspa.org
1555	GW-1 Challenges	LSPA	1	T	www.lspa.org
1558	Method 3Ecological Risk Assessment	LSPA	4	T	www.lspa.org
1560a	Rapid Design and Analysis of Groundwater Remediation Systems	LSPA	8	T	www.lspa.org
1561	Case Closed! Navigating the MassDEP LNAPL Guidance Document	LSPA	1	T	www.lspa.org
1569	In-Situ Use of Activated Carbon	LSPA	1	T	www.lspa.org
1573	X-Ray Fluorescence Analysis: A Short Course for LSPs and Other Environmental Professionals	LSPA	6	T	www.lspa.org
1592	How to Achieve More Representative Soil Data	LSPA	1	T	www.lspa.org
1594	In-Situ Remediation Using Activated Carbon-Based Injectates: Theory and Application	LSPA	4	T	www.lspa.org
1596	Perspectives on Understanding, Assessing, Analyzing, and Remediating Perfluorinated Compounds: A Regulator, An Engineer, A Geologist, and A Lab	LSPA	1.5	T	www.lspa.org
1597	New Equipment and Technologies for Your MCP Sites	LSPA	1	T	www.lspa.org
1602	Remediation of Mixed Organics and Perfluoralkyl Compounds (PFAS) with OxyZone®, a Multi-Oxidant Blend	LSPA	1	T	www.lspa.org
1603	Sediment, Surface Water, and Biota Sampling Methods to Support MCP Assessments	LSPA	8	T	www.lspa.org
1611	Increasing Remediation Success: Focus on Planning, Implementation, and Combining Technologies	LSPA	8	T	www.lspa.org
1616	Soil Saturation Based LNAPL Assessment: A Case Study With an Introduction to 3D PDF File and LiDAR	LSPA	1	T	www.lspa.org

1617	Commingled Plumes, Downgradient Property Status and Privatized Cleanup Programs: Lessons Learned from Two Decades of Practice	LSPA	1	T	www.lspa.org
1626	Environmental Law for LSPs	LSPA	4	R	www.lspa.org
1627	MCP Remediation Waste Management	LSPA	8	R	www.lspa.org
1630	Oil and Sediment Toxicity: Characterizing an Oil Site	LSPA	1	T	www.lspa.org
1639	Treatability Testing for Remedial Design	LSPA	1	T	www.lspa.org
1642	The Basics of Monitored Natural Attenuation	LSPA	4	T	www.lspa.org
1643	Per- and Polyfluoroalkyl Substances (PFAS) Remediation	LSPA	4	T	www.lspa.org
1646	Simplified Approach for Petroleum LNAPL Sites	LSPA	1	T	www.lspa.org
1647	Facility Roundtable: Managing Remediation and Hazardous Waste	LSPA	4	T	www.lspa.org
1652	Hands On 2D and 3D Environmental Data Visualization	LSPA	4	T	www.lspa.org
1655	How Building Science and Performance Impact Vapor Intrusion	LSPA	1	T	www.lspa.org
1659	MCP Environmental Risk Characterization: An Introduction and Planning and Sampling Considerations	LSPA	1	T	www.lspa.org
1662	Active Exposure Mitigation Systems & Telemetry Requirements	LSPA	1	T	www.lspa.org
1673	Asbestos in Soil: Hidden in Plain Sight	LSPA	1	T	www.lspa.org
1414	LSP Board Disciplinary Case Workshop	LSP Board	3	DEP-R	
1556	Update on the Board of Registration of Hazardous Waste Site Cleanup Professionals	LSP Board/LSPA	1.5	DEP-R	www.lspa.org
1615	Chemistry Matters: Management, Handling, and State of the Science	MCTA	2	T	www.masscta.org
1634	Polyfluoroalkyl Substances (PFAS): Regulation, Research, Risk, Mitigation & Alternatives	MCTA	4	T	www.masscta.org
1541	Massachusetts Geological Society First Annual Field Trip	Massachusetts Geological Society	6	T	www.massgeosociety.org
1572	Massachusetts Geological Society Second Annual Field Trip	Massachusetts Geological Society	5	T	www.massgeosociety.org
1560	Rapid Design and Analysis of Groundwater Remediation Systems	McLane Environmental	7	T	www.mclaneenv.com
1465	Integrating Molecular Biological Tools into Site Management	Microbialinsights	4	T	http://www.microbe.com
1204a	Improving Hydrogeologic Analysis of Fractured Bedrock Systems	Midwest GeoSciences Group	24	T	www.midwestgeo.com
1205	Characterizing Groundwater Movement Through Glacial Sequences	Midwest GeoSciences Group	16	T	www.midwestgeo.com
1231	Advances in Pumping and Slug Testing for Improved Site Characterization: New Concepts, Field Methods and Data Analysis Techniques	Midwest GeoSciences Group	16	T	www.midwestgeo.com
1231b	Advanced Aquifer Testing Featuring AQTESOLV: New Concepts, Field Methods, and Data Analysis Techniques	Midwest GeoSciences Group	24	T	www.midwestgeo.com
1417A-T	Various Technical Webinars	Midwest GeoSciences Group	1.5	T	www.midwestgeo.com
1426	DNAPLs Through Fractured Rock Aquifers	Midwest GeoSciences Group	8	T	www.midwestgeo.com

1606	Managing the Complexities and Uncertainties of Soil Sequences: For Hydrogeological and Geotechnical Investigations- Part 1, Principles	Midwest GeoSciences Group	16	T	www.midwestgeo.com
1624	Modern Management of Risks at LNAPL Sites	Midwest GeoSciences Group	16	T	www.midwestgeo.com
1025A	Visual Modlfow	NGWA	24	T	www.ngwa.org
1026A	Analysis and Design of Aquifer Tests	NGWA	27	T	www.ngwa.org
1027	Probability, Statistics and Geostatistics for Environmental Professionals	NGWA	20	T	www.ngwa.org
1063	Soil and Groundwater Modeling for Soil Cleanup Level Evaluation	NGWA	12	T	www.ngwa.org
1065	Use of MODFLOW (USGS Modular Flow Model) for Simulation of Groundwater Flow and Advective Transport	NGWA	36	T	www.ngwa.org
1066A	Principles of Groundwater—Flow, Transport, and Remediation	NGWA	21	T	www.ngwa.org
1120	Transport & Fate Principles & Parameters Estimation	NGWA	15	T	www.ngwa.org
1121	Principles & Practice of Forced Air Remediation	NGWA	22	T	www.ngwa.org
1122	Computer Modeling of Natural Attenuation & Bioremediation Systems	NGWA	28	T	www.ngwa.org
1148	Principles & Practice of Forced Air Remediation	NGWA	24	T	www.ngwa.org
1162	Geostatistics & the Data Quality Objectives Process for Environmental Remediation Decision-Making	NGWA	19	T	www.ngwa.org
1183	Environmental Geochemistry of Metals – Investigation & Remediation	NGWA	22	T	www.ngwa.org
1184	Fracture Trace & Lineament Analysis: Application to Ground Water Resources Characterization & Protection	NGWA	28	T	www.ngwa.org
1185	Natural Attenuation for Remediation of Contaminated Sites	NGWA	22	T	www.ngwa.org
1186	Low-Cost Remediation Strategies for Contaminated Soil & GW	NGWA	16	T	www.ngwa.org
1195	Aquifer tests: Operation and Parameter Estimation	NGWA	16	T	www.ngwa.org
1197	GIS and Data Management for Ground Water Modeling	NGWA	24	T	www.ngwa.org
1198	Natural Attenuation, Risk Assessment, and Risk Based Corrective Action: Analysis and Decision making Through Applied ground Water Modeling	NGWA	44	T	www.ngwa.org
1236	An Introduction to Ground Water	NGWA	24	T	www.ngwa.org
1237	Estimating Times of Remediation Associated with Monitored Natural Attenuation and Contaminant Source Removal	NGWA	16	T	www.ngwa.org
1238	Model Calibration Using PEST	NGWA	8	T	www.ngwa.org
1239	Low-Cost Remediation Strategies for Contaminated Soil and Ground Water	NGWA	16	T	www.ngwa.org
1270	The New MODFLOW Course	NGWA	32	T	www.ngwa.org
1270a	The New MODFLOW Course: Theory and Hands-On Applications	NGWA	31/33	T	www.ngwa.org
1338	Isotopic and Hydrogeological Characterization of Fractured Rock Settings: Current and Novel Approaches	NGWA	16	T	www.ngwa.org
1396	Monitored Natural Attenuation: Mechanisms, Site	NGWA	16	T	www.ngwa.org

	Characterization, Evaluation, and Monitoring				
1397	Advanced Techniques for Evaluation and Quantifying Natural Attenuation	NGWA	16	T	www.ngwa.org
1399	Design and Construction of Wells	NGWA	16	T	www.ngwa.org
1430	Focus Conference on Fractured Rock and Eastern Groundwater	NGWA	50%	T	www.ngwa.org
1456	Introduction to Groundwater Geochemistry Reaction Monitoring (#239)	NGWA	16	T	www.ngwa.org
1478	Conference on Groundwater in Fractured Rock and Sediments	NGWA	50%	T	www.ngwa.org
1481	MODFLOW-Contaminant Fate and Transport Groundwater Modeling	NGWA	6	T	www.ngwa.org
1482	Bay State Groundwater Forum (max 3.5 credits)	NGWA	50%	T	www.ngwa.org
1484	Pillars of Groundwater Innovation Conference	NGWA	50%	T	www.ngwa.org
1503	Combined Remedies: The Time Has Come	NGWA	5.25	T	www.ngwa.org
1542	2015 NGWA Conference on Groundwater in Fractured Rock	NGWA	50%	T	www.ngwa.org
1612	NGWA Conference on Fractured Rock and Groundwater (5017)	NGWA	50%	T	www.ngwa.org
1633	Groundwater/Surface Water Interactions: Field and Mathematical Approaches to Evaluating Groundwater Seepage (#242)	NGWA	14	T	www.ngwa.org
1365	Vapor Intrusion in Commercial and Industrial Buildings	NEWMOA	6	T	www.newmoa.org
1370	Getting More Bang for Your Buck: Real-time Data Collection & Interpretation for Better Decision-making	NEWMOA	6	T	www.newmoa.org
1370a	Making Better Decisions: Real-Time Data Collection and Interpretation	NEWMOA	5.5	T	www.newmoa.org
1381	Greener Cleanups: What Does It Mean & How Do You Do It?	NEWMOA	5.5	T	www.newmoa.org
1391	Contaminated Sediment Sites: Characterization and Decision-Making	NEWMOA	5	T	www.newmoa.org
1401	Vapor Intrusion Pathway: A Practical Guideline	NEWMOA	14	T	www.newmoa.org
1405	Remediation of Contaminated Sediment Sites	NEWMOA	5.5	T	www.newmoa.org
1412	Enhanced In-Situ Bioremediation	NEWMOA	5.5	T	www.newmoa.org
1431	Ecological Risk Assessment	NEWMOA	5.5	T	www.newmoa.org
1440	LNAPL: Science, Management, and Technology	NEWMOA	16	T	www.newmoa.org
1453	In-Situ Thermal Remediation	NEWMOA	5.5	T	www.newmoa.org
1457	Understanding TSCA and State Requirements for Sites with PCBs	NEWMOA	5.5	T	www.newmoa.org
1479	Vapor Intrusion Updates	NEWMOA	5	T	www.newmoa.org
1483	Moving Toward More Sustainable Remediation	NEWMOA	5.5	T	www.newmoa.org
1491	Communicating Risk to the Public	NEWMOA	5.5	T	www.newmoa.org
1508	DNAPL Investigation & Remediation: The Evolving State-of – Practice	NEWMOA	5.5	T	www.newmoa.org
1532	TCE Vapor Intrusion: State of the Science, Regulation, and Technical Practice Workshop	NEWMOA	5.5	T	www.newmoa.org
1547	1,4-Dioxane Assessment and Remediation Workshop	NEWMOA	5.5	T	www.newmoa.org
1581	Monitored Natural Attenuation: Appropriate Tool or Easy Way	NEWMOA	5.5	T	www.newmoa.org

	Out?				
1599	PFAS in The Northeast: State of Practice and Regulatory Perspectives	NEWMOA	6	T	www.newmoa.org
1614	Combining Technologies to Improve Remediation Outcomes	NEWMOA	5.5	T	www.newmoa.org
1628	Back-to-Basics Part 1: Developing the CSM & Site Characterization Plan	NEWMOA	5.5	T	www.newmoa.org
1640	Data Collection & Interpretation: State of Practice & Lessons Learned	NEWMOA	6	T	www.newmoa.org
1669	Remedy Selection: Planning for Success & Lessons Learned	NEWMOA	5.5	T	www.newmoa.org
1034	Environmental Sampling Field Course	Nielsen Env. Field School	32	T	www.envirofieldschool.com
1034a	The Environmental Sampling E-Course	Nielsen Env. Field School	32	T	www.envirofieldschool.com
1035	The Complete Ground-Water Monitoring Field Course	Nielsen Env. Field School	38	T	www.envirofieldschool.com
1035a	The Complete Ground-Water Monitoring E-Course	Nielsen Env. Field School	38	T	www.envirofieldschool.com
1036	Assessment and Remediation of Petroleum Hydrocarbon Releases: Fundamentals and Field Practices	Nielsen Env. Field School	24	T	www.envirofieldschool.com
1037	Field Practices and Analytical Methods for Formation Hydraulic Testing: Pumping Tests and Slug Tests	Nielsen Env. Field School	24	T	www.envirofieldschool.com
1038	Monitoring Well Design, Construction & Development	Nielsen Env. Field School	16	T	www.envirofieldschool.com
1038a	The Ground-Water Monitoring Well Design, Construction & Development E-Course	Nielsen Env. Field School	16	T	www.envirofieldschool.com
1039	The Ground-Water Sampling Field Course	Nielsen Env. Field School	25	T	www.envirofieldschool.com
1039a	The Complete Ground-Water Sampling E-Course	Nielsen Env. Field School	25	T	www.envirofieldschool.com
1082	Assessment of Petroleum Hydrocarbon Releases for Risk Based Corrective Action, Natural Attenuation and Remedial Design	Nielsen Env. Field School	16	T	www.envirofieldschool.com
1083	Advanced Environmental Site Characterization Field Methods (formerly Accelerated Site Characterization…)	Nielsen Env. Field School	16	T	www.envirofieldschool.com
1084	Micropurge Low-Flow Purging and Groundwater Sampling	Nielsen Env. Field School	8	T	www.envirofieldschool.com
1110	Practical Tech's for Cost-Effective Ground-Water Sampling	Nielsen Env. Field School	8	T	www.envirofieldschool.com
1094	Practical Cost-Effective Techniques for Site Characterization, Ground-Water Monitoring and Sampling	Nielsen Env. Field School	36	T	www.envirofieldschool.com
1201	Soil Sampling for Volatile Organic Compounds	Nielsen Env. Field School	8	T	www.envirofieldschool.com
1201a	The Soil Sampling for Volatile Organic Compounds E-Course	Nielsen Env. Field	8	T	www.envirofieldschool.com

		School			
1202	Fundamentals of Ground Water and Contaminant Movement	Nielsen Env. Field School	8	T	www.envirofieldschool.com
1320	The No-Purge Sampling Field Course	Nielsen Env. Field School	8	T	www.envirofieldschool.com
1328	The Complete Surface Water & Sediment Sampling Field Course	Nielsen Env. Field School	16	T	www.envirofieldschool.com
1347	2008 & 2010 North American Environmental Field Conference & Exposition	Nielsen Env. Field School	50%	T	www.envirofieldschool.com
1571	The Complete Soil Sampling E-Course	Nielsen Env. Field School	18	T	www.envirofieldschool.com
1574	The Low-Flow Purging and Sampling and No-Purge Sampling E-Course	Nielsen Env. Field School	15	T	www.envirofieldschool.com
2016	RS 3110-Digital Image Processing; GIS 3120-Remote Sensing; GIS 3180-GPS and GIS	Northeastern University	39	T	Northeastern University
1565	Principles of Quality Assurance and Quality Control in Environmental Field Programs	NWETC	13	T	www.nwetc.org
1577	Fundamental Contaminant Chemistry in Soil and Groundwater	NWETC	13	T	www.nwetc.org
1578	Emerging Contaminants Workshop	NWETC	6.5	T	www.nwetc.org
1250	Fundamentals of Geology and Applied Geology	Pennsylvania Council of Professional Geologists	16	T	(717) 730-9745 www.pcpg.org
1506	Introduction to Inorganic and Organic Groundwater Geochemistry	Pennsylvania Council of Professional Geologists	16	T	(717) 730-9745 pcpg.org
1567	Design and Application of In Situ Remediation Technologies	PeroxyChem, LLC	5	T	www.peroxychem.com
1150	Groundwater Pollution and Hydrology	Princeton Groundwater	38	T	www.princeton-groundwater.com
1151	The Princeton Remediation Course (note: evening session are mandatory to receive 41 credits)	Princeton Groundwater	41	T	www.princeton-groundwater.com/
1286	Evaluation of Indoor Inhalation Pathway	RAM Group of Gannett Fleming	8	T	www.gannettfleming.com
1500	Evaluation of Indoor Inhalation Pathway	RAM Group of Gannett Fleming	16	T	www.gannettfleming.com
1500a	Understanding Indoor Vapor Intrusion Pathway	RAM Group of Gannett Fleming	8	T	www.gannettfleming.com
1501	Application of Risk Assessment as a Decision Making Tool for Contaminated Sites	RAM Group of Gannett Fleming	16	T	www.gannettfleming.com
1501a	Application of Risk Assessment as a Decision Making Tool for Contaminated Sites	RAM Group of Gannett Fleming	12	T	www.gannettfleming.com
1527	Contaminant Fate and Transport Processes and Modeling	RAM Group of Gannett Fleming	12	T	www.gannettfleming.com

1404a	Pneumatic Slug Testing	Ram's Horn	4	T	www.vgwacademy.com
1441	Determining Hydraulic Conductivity While Low Flow Sampling	Ram's Horn	4	T	www.vgwacademy.com
1463	Virtual Ground Water Academy: Slug Testing Course	Ram's Horn	4	T	www.vgwacademy.com
1613	RE3 Conference 2017	RE3	50%	T	www.re3conference.com
1292	Management and Transportation of Multiple Waste Streams Generated at Waste Cleanup Sites.	Rec Tec	4	R	George Camougis (508) 248-4040
1528	Technology Workshop	Redox Tech	2	T	www.redox-tech.com
1595	Redox Tech and Carus Chemical Workshop	Redox Tech	2	T	www.redox-tech.com
1638	Optimization and Monitoring for Bioremediation of Chlorinated Compounds	Remediation Seminars	4	T	www.remediationseminar.com
1428	RemTEC Summit	RemTEC	50%	T	
1420	Fundamentals of Organic Chemistry	RISEP	8	T	www.risep.org
1670	PFAS Sampling for Environmental Professionals	RISEP	8	T	www.risep.org
1073	MCP Training Program	Robert Palermo	40	R	Robert Palermo (781) 942-0689
1073A	MCP Training Program	Robert Palermo	40	R	Robert Palermo (781) 942-0689
1452	Sustainable Property Transactions	RTM Communications, Inc.	3.5	T	Tacy Cook Telego tacytelego@rtmcomm.com
1310	Groundwater in Fractured Bedrock	Rutgers	6	T	www.cpe.rutgers.edu
1379	Practical Applications in Hydrogeology	Rutgers	28	T	www.cpe.rutgers.edu
1415	Environmental Forensics	Rutgers	7.5	T	www.cpe.rutgers.edu
1415a	Environmental Forensics	Rutgers	14	T	www.cpe.rutgers.edu
1442	Innovative Technologies for Site Remediation	Rutgers	6	T	www.cpe.rutgers.edu
1586	PAH Forensics Geochemistry	Rutgers	8	T	www.cpe.rutgers.edu
1636	Forensic Geochemical Age Dating and Environmental Litigation	Rutgers	5	T	www.cpe.rutgers.edu
1637	Forensic Geochemical and Geophysical Statistical Data Visualization	Rutgers	6	T	www.cpe.rutgers.edu
1674	MPG Conference	Rutgers	various	T	www.cpe.rutgers.edu
1267	Designing and Implementing Field Studies of Amphibians and Reptiles on Contaminated Sites	SETAC	8	T	Nick Anastas (617) 556-1157
1382	Causal Analysis/Stressor Identification	SETAC	8	T	www.nacsetac.org
1403	Introduction to Green Chemistry	SETAC	4	T	www.nacsetac.org
1413	Introduction to Statistics for Environmental Professionals	SETAC	6	T	www.nacsetac.org
1427	University Consortium for Field-Focused Groundwater Contamination Research Program for Annual Progress Meeting	SETAC	50%	T	University of Guelph
1445	An Introduction to Emerging Technologies for Environmental Data Monitoring: Loggers to Sensors Networks to the Cloud	SETAC	8	T	www.nacsetac.org
1466	ArcGIS Online: Interactive Web Mapping and Problem Solving for Environmental Professionals	SETAC	6	T	www.nacsetac.org
1535	Communicating Chemical and Environmental Risk	SETAC	6	T	www.setac.org
1658	The Use of Equilibrium Passive Sampling for Environmental Investigations	SETAC	4	T	www.setac.org
1203	Field Screening Petroleum Hydrocarbons Using Ultraviolet	Sitelab Corp.	4	T	Steve Greason (603) 643-7800

	Fluorescence Technology				sgreason@site-lab.com
1671	Do's and Don'ts of PFAS Sampling	SGS	1	T	www.sgs.com
1050	CEE 173 – Health Effects and Risk Assessment	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais (617) 627-3763
1051	CEE 113 – Groundwater Hydrology	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais (617) 627-3763
1052	CEE 167 – Environmental Toxicology	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais (617) 627-3763
1053	CEE 139 – Bioremediation: Natural and Enhanced	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais (617) 627-3763
1067	CEE 143 – Site Remediation	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais (617) 627-3763
1068	CEE 168 – Exposure Assessment	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais (617) 627-3763
1100	Extracting Information from Environmental Data	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais (617) 627-3763
1069	CEE 172 – Fate and Transport of Environmental Contaminants	Tufts Univ, Spring Term, Audit	70% P 50% A	T	Anne Marie C. Desmarais (617) 627-3763
1242	CEE 138 Hazardous Waste Treatment Technologies – Full Semester Course	Tufts University	8	T	Larry Cohen (617) 627-3211
1355	National Conference & Training Triad Investigations—New Approaches & Innovative Strategies & Associated Workshops	U Mass Amherst	Various	T	Denise Leonard (413) 545-1239
1380	International Conference on the Environmental Implications and Applications of Nanotechnology	U Mass Amherst	50%	T	teiconferences.com/nanoconference
1074	14.562 – Physical and Chemical Hydrogeology	U Mass Lowell	70% P 50% A	T	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1075	14.563 – Design and Analysis of Waste Containment Systems	U Mass Lowell	70% P 50% A	T	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1076	14.567 – Environmental Chemistry I	U Mass Lowell	70% P 50% A	T	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1077	14.568 – Environmental Chemistry II	U Mass Lowell	70% P 50% A	T	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1078	14.594 – Fundamentals of Contaminated Site Treatment Techniques	U Mass Lowell	70% P 50% A	T	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1079	18.581 – Understanding the MCP	U Mass Lowell	70% P 50% A	R	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1079A	15.332 – Understanding the MCP (by Univ. College Cont. Ed) Same as above (if you have taken the above course and are submitting it for credit toward license renewal you cannot also use credit from this course for license renewal)	U Mass Lowell	70% P 50% A	R	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1088	14.575 – Groundwater Modeling	U Mass Lowell	70% P 50% A	T	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1093	Assessing & Remediating Petroleum Contaminated Sites	U Mass Lowell	70% P 50% A	T	Enrollment Svcs (978) 934-2700 (http://www.uml.edu/DCE)

1099	14.594 – Fundamentals of Contaminated Site Treatment techniques	U Mass Lowell	70% P 50% A	T	Clifford Bruell (978) 934-2284 www.eng.uml.edu/Dept/civ
1226	19.683 – Risk Assessment	U Mass Lowell	70% P 50% A	T	Enrollment Svcs (978) 934-2700 (http://www.uml.edu/DCE)
2000	14.595 – Hazardous Waste Site Remediation	U Mass Lowell	70% P 50% A	T	Enrollment Svcs (978) 934-2700 (http://www.uml.edu/DCE)
2013	18.503 – Environmental Toxicology and Risk Assessment	U Mass Lowell	70% P 50% A	T	Enrollment Svcs (978) 934-2700 (http://www.uml.edu/DCE)
2018	Wetlands Assessment and Field Techniques	U Mass Amherst	70% P 50% A	T	Enrollment Svcs (978) 934-2700 (http://www.uml.edu/DCE)
1222	Innovative Approaches For Bedrock Site Characterization	UNH	5	T	Kimberly Newman (603) 862-0832
1307	EOS/NR 744/844 – Biogeochemistry	UNH	22 max.	T	See UNH website for registration
1475	Intro to ArcGIS 10.1	UNH	18	T	Sharon.Hughes@unh.edu
2017	The Dynamic Earth	UNH	58 max	T	See UNH website for registration
1362	Smart Remediation Technologies	VeruTEK	8	T	Shaaron Syrene (860)242-9800x306
1390	Green Technologies for the Environment	VeruTEK	10	T	Shaaron Syrene (860)242-9800x306
1493	In-Situ Remediation	VeruTEK	6	T	
1463	Virtual Ground Water Academy: Slug Testing Course	Virtual GW Academy	4	T	www.vgwacademy.com
1635	Visual Sample Plan (VSP) Online Training	VSP Training LLC	32	T	https://vsp-training.teachable.com
1641	Applied Groundwater Modeling using MODFLOW Flex	Waterloo Hydrogeologic	21	T	https://www.waterloohydrogeologic.com/
1660	Applied Groundwater Modeling using MODFLOW Flex	Waterloo Hydrogeologic	21	T	https://www.waterloohydrogeologic.com/
1119	Site Assessment and Remediation	Worcester Polytechnic Institute	70% P 50% A	T	Radesha Thuraisingham (503) 831-5530 www.wpi.edu
1134	Aquifer Test Analysis/Well Hydraulics	Wright State Univ. Center for Ground Water Management	12 pass	T	Lauryl Lefebvre (937) 775-3649 IRIS@wright.edu http://iris.wright.edu
1135	Environmental Geophysics	Wright State Univ. Center for Ground Water Management	12 pass	T	Lauryl Lefebvre (937) 775-3649 IRIS@wright.edu http://iris.wright.edu
1136	Ground Water Flow Modeling using MODFLOW	Wright State Univ. Center for Ground Water Management	12 pass	T	Lauryl Lefebvre (937) 775-3649 IRIS@wright.edu http://iris.wright.edu
1137	Ground Water Hydrology	Wright State Univ. Center for Ground Water Management	12 pass	T	Lauryl Lefebvre (937) 775-3649 IRIS@wright.edu http://iris.wright.edu
1138	Site Remediation	Wright State Univ. Center for Ground Water Management	12 pass	T	Lauryl Lefebvre (937) 775-3649 IRIS@wright.edu http://iris.wright.edu
1139	Soil and Ground Water Contamination	Wright State Univ.	12 pass	T	Lauryl Lefebvre (937) 775-3649

		Center for Ground Water Management			IRIS@wright.edu http://iris.wright.edu
1140	U.S. Regional Hydrogeology	Wright State Univ. Center for Ground Water Management	12 pass	T	Lauryl Lefebvre (937) 775-3649 IRIS@wright.edu http://iris.wright.edu
1141	Water and the Environment	Wright State Univ. Center for Ground Water Management	12 pass	T	Lauryl Lefebvre (937) 775-3649 IRIS@wright.edu http://iris.wright.edu
1145	Organic Chemistry: Fundamentals of Fate & Transport of Organic Chemicals	Wright State Univ. Center for Ground Water Management	12 pass	T	Lauryl Lefebvre (937) 775-3649 IRIS@wright.edu http://iris.wright.edu

LIST #3. COURSES PREVIOUSLY APPROVED BUT REPORTED TO BE NO LONGER OFFERED.

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory C= core T= technical DEP= DEP course	
1359	AEG Spring Symposium 2008	AEG	50%	T	
1477	29th Annual International Conference on Soils, Sediments, and Water	AEHS Foundation	various	T	
1237	Estimating Times of Remediation Associated with Monitored Natural Attenuation and Contaminated Source Removal	AIPG	16	T	
1255	Practical Geosciences Ethics: Elements and Examples	AIPG	8	T	
1256	A Short Course in Hydrogeological Applications of Environmental Geophysics Technologies	AIPG	8	T	
1262	A Practical Approach For Assessing Upward Vapor Intrusion Risk	AIPG	4	T	
1263	Selection and Design of Groundwater Circulation Well Technology	AIPG	4	T	
1469	Fractured Rock Hydro and Geophysics	AIPG	8	T	
1490	Introduction to GIS for Environmental Applications	AIPG	8	T	
1537	Interpretation of Surficial Geologic Maps to Develop Conceptual Site Models	AIPG	8	T	
1550	New England Aquifers: Elusive and Complex	AIPG	2	T	
1058	Interpretation of Analytical Results I	Alpha Analytical Labs	4	T	
1086	Organic Method Selection	Alpha Analytical Labs	4	T	
1087	Inorganic Method Selection	Alpha Analytical Labs	4	T	
1024	Risk Based Corrective Action (RBCA) Applied at Petroleum Release Sites	ASTM	7		

1042	Environmental Site Characterization	ASTM	24 all or nothing		
1225	Data Quality Management Fall 2002 Conference	AWMA-NES	Various	T	
1321	Vapor Intrusion: The Next Great Environmental Challenge	AWMA	Various	T	
1346	Vapor Intrusion: Conference & Courses	AWMA	Various	T	
1261	Remediation of Chlorinated and Recalcitrant Compounds Conf	Battelle	50%	T	
1245	Innovative Technologies for Remediation of Contaminated Groundwater and Soil	C3 Environmental	4	T	
1111	An Intro to Surficial Geology in Massachusetts & Geologic History of Cape Cod	CEE	16	T	
1217	Soil Profiles and Seasonal Ground Water Conditions	CEE	8	T	
1349	Vapor Intrusion: Sampling, Analytical Methods, and Quality Assurance	Con-test Analytical	2	T	
1031	Remediation of Hazardous Waste Sites	Ctr. For Professional Advancement	18	T	
1032	Treatment of Contaminated Soil & Rock	Ctr. For Professional Advancement	18	T	
1033	Applied Hydrogeology in Environmental Management	Ctr. For Professional Advancement	18	T	
1001	Understanding Subparts C & D of the MCP	DEP and the LSPA	8	R/C	
1001A 1002A	Understanding the Massachusetts Contingency Plan	DEP and the LSPA	8	R/C	
1002	Understanding Subparts I and J of the MCP	DEP and the LSPA	8	R/C	
1004	Waste Site Cleanup Program – Learning From Experience	DEP and the LSPA	8	R/C	
1009	Innovative Field Assessment Technologies Forum	DEP and the LSPA	4	T	
1044	MCP Environmental Risk Characterization	DEP and the LSPA	6	R/C	
1045	Remediation Waste and Remedial Wastewater Management	DEP and the LSPA	6	R/C	
1085	Beyond TPH – Understanding & Using the New VPH/EPH Approach	DEP and the LSPA	8	T	
1112	Understanding & Using Activity & Use Limitations & Public Involvement Requirements of the MCP	DEP and the LSPA	8	R/C	
1152	Environmental Sampling Analysis and Data Usability	DEP	12	DEP-T	
1158	1999 Massachusetts Contingency Plan Revisions and Case Studies	DEP/LSPA	8	DEP-R	
1167	Demonstrating Compliance with the MCP through the Conceptual Model Approach	DEP	12	DEP-R	
1189	The MA DEP Petroleum Analytical Methods: what Environmental Professionals Need to Know about VPH, EPH, and APH	DEP and ITLA	4 4	DEP-R T	
1190	The MCP Audit – A Case Study Approach	DEP	2	DEP-R	
1193	Addressing Indoor Air Contamination: Measurements and Models	DEP	6	DEP-R	
1207	The MCP Audit – A Case Study Approach	DEP	4	DEP-R	
1211	Analytical Data Enhancement Program	DEP	4	DEP-R	
1244	UMASS Workshop 6 – Implementing Data Enhancement Policy	DEP	2	DEP-R	
1294	Method 2 Risk Characterization	DEP	4	DEP-R	
1295	Impact of Wetland Regulations on MCP Site Remediation	DEP	1	DEP-R	

1303	Technical Updates to Ecological Risk Assessment	DEP	4	DEP-R	
1309	2006 Massachusetts Contingency Plan Revisions	DEP	4	DEP-R	
1323	Down-Gradient Property Status: Practices and Pitfalls	DEP	3	DEP-R	
1333	A Different Path Through the MCP	DEP	4	DEP-R	
1334	eDEP Demonstration	DEP	1	DEP-R	
1343	Professional Ethics, Professional Conduct & Environmental Professions	DEP	3	DEP-R	
1344	Critical Exposure Pathways Workshop	DEP	3	DEP-R	
1345	Regulatory Expectations & Guidelines for the Vapor Intrusion Pathway	DEP	2	DEP-R	
1348	MCP Representativeness Evaluations & Data Usability Assessments	DEP	8	DEP-R	
1356	WERO Night, Recognizing Release Notifications and Entering & Terminating Remedy Operation Status	DEP	2	DEP R	
1358	NERO Night, Regulatory Expectations & Guidelines for Notifications & Immediate Response Actions: 2 & 72-hour Notifications	DEP	2	DEP-R	
1363	The Evolving Standard of Care: What Does It Mean Today or Tomorrow	DEP	3	DEP-R	
1367	Recognizing Release Notifications & Avoiding Common Problems After Recording/Registering AULs	DEP	2	DEP-R	
1368	Improving MCP Compliance—Navigating eDEP & Managing RTNs	DEP	2	DEP-R	
1387	Managing Risk in Contaminated Wetlands	DEP	2	DEP-R	
1388	The Revised CAM, What You Need to Know	DEP	4	DEP-R	
1389	AULs: Achieving Compliance and Demystifying DEP Enforcement of GLc21E and the MCP	DEP	2	DEP-R	
1394	MCP Remediation Waste Management	DEP	8	DEP-R	
1416	WERO Technical Program – CRA and the Little Dig	DEP	2	DEP-R	
1498	2014 MCP Regulatory Reform Training Initiative	DEP	6	DEP-R	
1041	Soil & Groundwater Contamination and Subsurface Hydrology	Draper Aden Env. Modeling, Inc.	16	T	
1170	Environmental Forensics	East Coast Engineering	8 +3.5	T	
1072	Management of Petroleum-Contaminated Soils	EBI	8	T	
1127	Licensed Site Professional Waste Treatment Via Thermal Desorption	EBI	8	T	
1143	Introduction, Notifications & Preliminary Response Actions	EBI	4	R	
1144	Comprehensive Response Actions & Related Activities	EBI	4	R	
1229	Analysis of Whole Air Samples in Summa Passivated Stainless Steel Canisters	EBI	4.5	T	
1246	MCP Regulatory Interfaces	EBI	8	R	
1277	Water Resources Regulations and Permit Requirements	EBI	4	R	
1015	Analytic Element Modeling of Groundwater Flow	Env. Education Enterprises	21	T	
1016	Introduction to Health Risk Assessment	Env. Education Enterprises	21	T	
1016A	Introduction to Health Risk Assessment (Replaces 1016)	Env. Education Enterprises	16	T	

1017	Remediation Technologies	Env. Education Enterprises	21	R	
1018	MINTEQ Modeling of Water/Rock Interactions	Env. Education Enterprises	21	R	
1019	Environmental Chemistry & Chemistry Fundamentals	Env. Education Enterprises	21	T	
1020	Geochemical processes in Groundwater Movement	Env. Education Enterprises	21	T	
1021	Fractured Rocks: Characterization, Flow & Transport	Env. Education Enterprises	21	R	
1022	Hydrogeology & Practice	Env. Education Enterprises	15	T	
1023	Assessment & Remediation of Petroleum Hydrocarbon Releases	Env. Education Enterprises	17	T	
1129	Ecological Risk Assessment	Env. Education Enterprises	16	T	
1166	Applied Hydrogeochemistry	Environ'l Educ. Enterprises, Inc	14	T/R	
1194	Inorganic Contaminant Fate and Transport	Environmental Education Enterprises, Inc.	21	T	
1206	Hydrocarbon Remediation in the 21st Century – How to recover free product, manage MTBE and more	Env. Education Enterprises	16	T	
1159	Applied Model Calibration and Uncertainty Analysis	Environmental Simulations	22.5	T	
1142	In Situ Permeable Reactive Barriers: Application & Deployment	EPA/ITRC/RTDF	13	T	
1265	Phytotechnologies Workshop - Organic	EPA	8	T	
1266	Phytotechnologies Workshop - Inorganic	EPA	6	T	
1291	National Corrective Action Conference 2005	EPA	50%	T	
1393	RCRA Corrective Action Training: Getting to Yes! Strategies for Achieving the 2020 Vision	EPA	50%	T	
1126	Remediation Technologies for VOCs in Soil & GW including Soil Vapor Extraction, Air Sparging, Bioremediation & Natural Attenuation	EPOC	8	T	
1130	Monitored Natural Attenuation for Ground Water	ERG/EPA	14	T	
1209	Hydrology of Fractured Rock: Characterization, Monitoring, Assessment & Remediation	Fractured Rock Educational Services	24	T	
1123	Geoprobe Systems Direct Push Days 1998	Geoprobe Systs, Inc	6	T	
1101	Toxicology for Non-Toxicologists	Government Institutes	13	T	
1102	Environmental Sampling & Data Analysis	Government Institutes	13	T	
1175	Chemistry for Non-Chemists	Government Institutes	16	T	

1176	Sampling & Data Analysis Institute: Long Course	Government Institutes	26	T	
1177	Sampling & Data Analysis Institute: Short Course	Government Institutes	15	T	
1191	The Site remediation & Restoration Course	Government Institutes Division, ABS Group, Inc.	15	T	
1247	How to use Surfer Software	GroundwaterSoftware.com	2.5	T	
1248	Aquifer Test Analysis using the software AquiferTest	GroundwaterSoftware.com	2.5	T	
1258	Visual Modflow 1	GroundwaterSoftware.com	3	T	
1259	Environmental Statistics Using WQStat Plus	GroundwaterSoftware.com	2.5	T	
1271	Geochemistry using AquaChem	GroundwaterSoftware.com	2.5	T	
1273	A Method for Reviewing Pumping Test Evaluations	Groundwater Software.com	1	T	
1216	Innovative Remedial Technologies	H2O Technologies	4	T	
1366	New England Intercollegiate Geological Conference (NEIGC 2008)	Harvard University & Westfield State Coll	50%	T	
1133	Regulatory Consideration at Brownfields Sites	Hidell-Eyster Tech. Services, Inc.	4	R	
1306	Soil Vapor Monitoring, Vapor Intrusion, and Indoor Air: A Workshop	HMPGA	6	T	
1132	Subsurface Barrier Technologies	International Business Communications	13	T	
1168	Workshop on VPH, EPH, and APH	ITLA/DEP	7	DEP-T	
1028	Intrinsic Remediation	INET	14	T	
1040	In Situ & On Site Bioremediation	INET	12	T	
1047	Vacuum Extraction for Site Restoration	INET	15	T	
1218	UXO Basic Training	ITRC	12	T	
1105	Natural Attenuation of Chlorinated Solvents in Groundwater-Day 1	ITRC	8	T	
1106	Natural Attenuation of Chlorinated Solvents in Groundwater-Day 2	ITRC	8	T	
1171	Accelerated Bioremediation of Chlorinated Solvents	ITRC/RTDF	15	T	
1299	MTBE & TBA: CSA and Successful GW Remediation	ITRC	19	T	
1046A	A Short Course in Statistics	LSPA	8	T	
1131	Coal Ash/Wood Ash Background Exemption	LSPA	4/4	T/R	
1156	Chemical Analyses: QA/QC	LSPA/ITLA	8	T	
1169	Assessment & Management of MTBE-Impacted Sites	LSPA	16	T	
1214	Principles and Field Techniques for Characterizing Contaminant Migration in Fractured Rock	LSPA	8	T	

1221	Advanced Petroleum Forensics Geochemistry	LSPA	8	T	
1221a	Environmental Chemistry and the Emergence of Forensic Geochemistry-Day 1	LSPA	8	T	
1221b	Environmental Chemistry and the Emergence of Forensic Geochemistry-Day 2	LSPA	8	T	
1279	Asbestos In Soils (AIS) Under the MCP – Awareness Training	LSPA	4	T	
1283	EnviroExpo – The following Individual Presentations only. Presentations 202, 204, 301, 304, 402, 403, 602, 603, 604, 702, 703, 704, 803, 804	LSPA	1.25 for each	T	
1230	Geographic Information Systems for Environmental Engineers	Menzie-Cura & Associates	8		
1287	Challenges in Evaluating and Managing Potential Risk From Exposure to Asbestos in Soil Under the MCP	Menzie-Cura	1	T	
1289	Sediment, Surface Water, and Biota Sampling Methods	Menzie-Cura	8	T	
1296	How to Get What You Need and Only What You Need from Risk Assessment	Menzie-Cura	8	T	
1312	Developing Aquatic Sampling Plans for Human Health and Ecological Risk Assessments	Menzie-Cura	8	T	
1374	Promoting the Safe Development of Nanotechnology in Massachusetts	MINC	50%	T	
1182	Practical Aspects of Ecological Risk Assessment	NACSETAC	8	T	
1210	Applied Statistics for Environmental Professionals	NACSETAC	8	T	
1056	Application of Health Risk Assessment for Env'l Decision Making	NGWA	14	T	
1054A	Treatment Technology for Contaminated Soils and Groundwater	NGWA	21	T	
1057	Risk Assessment for Environmental Professionals: Contaminant Fate & Transport Modeling Using the API Decision Support Software	NGWA	14	T	
1057A	Risk Assessment for Environmental Professionals: Contaminant Fate & Transport Modeling Using the API Decision Support Software	NGWA	16	T	
1059	IBM PC Applications in Risk Assessment, Remediation, and Modeling	NGWA	40	T	
1060	Fundamentals of Groundwater Geochemistry	NGWA	12	T	
1060A	Fundamentals of Groundwater Geochemistry	NGWA	16	T	
1061	Practical Applications of Groundwater Geochemistry	NGWA	17	T	
1061A	Applications of Groundwater Geochemistry	NGWA	21	T	
1062	Understanding Migration, Assessment, and Remediation of Non-Aqueous Phase Liquids	NGWA	19	T	
1062A	Understanding Migration, Assessment, and Remediation of Non-Aqueous Phase Liquids(if you have taken course 1062 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	NGWA	20	T	
1064	Natural Attenuation for Remediation of Contaminated Sites	NGWA	12	T	
1064A	Natural Attenuation for Remediation of Contaminated Sites	NGWA	16	T	
1066	Principles of Groundwater—Flow, Transport, and Remediation	NGWA	20	T	
1149	Assessment & Management of MTBE – Impacted Sites	NGWA	16	T	
1163	Comprehensive Ground Water Management Using Microsoft Access	NGWA	16	T	

1187	Focus Conference on MTBE & the Ground Water Rule	NGWA	50%	T	
1196	2nd International Conf. On Pharmaceuticals and Endocrine Disrupting Chemicals in Water	NGWA	50%	T	
1269	2004 USEPA/NGWA Fractured Rock Conference	NGWA	50%	T	
1298	2005 Conference on Eastern Regional GW Issues	NGWA	50% + 4	T	
1029	Bioremediation in the Saturated Subsurface	NEC/UNH	8	T	
1322	MtBE and Other Fuel Oxygenates: Considerations for Assessment and Remediation	NEIWPCC	15	T	
1008	Analytical Testing and the MCP	NEWEA	4	T	
1007	Risk Management/Risk Characterization	NEWEA	4	T	
1006	Appropriate Sampling Plans and the MCP	NEWEA	4	T	
1090	Subsurface Sampling: Strategies and Innovative Data Acquisition and Analysis	NEWEA/CFAST (Tufts U)	8	T	
1173	Construction in Contaminated Areas: Site Development In Compliance With the MCP	NEWEA	4	T	
1174	Dual Phase Extraction Design & Industrial Wastewater Treatment	NEWEA	4	T	
1175	Interpretation of Background Conditions as Defined in the MCP	NEWEA	4	T	
1215	Improving the Quality of Site Characterization	NEWMOA	6	T	
1268	What Regulators Want – Conceptual Site Model	NEWMOA	2	DEP T	
1319	In Situ Chemical Oxidation	NEWMOA	5	T	
1339	Vapor Intrusion Mitigation	NEWMOA	5	T	
1342	Characterizing Chlorinated Solvents Sites	NEWMOA	5.5	T	
1357	Remediation of Chlorinated Solvent Sites	NEWMOA	6	T	
1092	Petroleum Hydrocarbons & Petroleum Hydrocarbons Measurement: A Presentation	New England Testing Laboratory, Inc.	4	T	
1095	Environmental Analytical Methods for Organics and Metals	New England Testing Laboratory, Inc.	8	T	
1165	Quality of Environmental Measurements	New Environmental Horizons	8	T	
1091	Applied Risk Characterization, ENV 5468	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
1096	Applied Risk Characterization Under the MCP	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
1153	Activity And Use Limitations Under the MCP	Northeastern U. Ctr. For Cont. Ed./ LSPA/HealthPro Cons	70% P 50% A	R	
2001	Applied Groundwater Hydrology, ENV 5632	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
2002	Chemistry for Hazardous Waste Managers, ENV 5232	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	

2003	Environmental Site Evaluations, ENV 5216	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
2006	Geology for Hazardous Waste Managers, ENV 5234	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
2007	Site Remediation Principles and Technologies, ENV 5240	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
2008	Subsurface Exploration Techniques, ENV 5266	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
2010	Underground Storage Tank Management, ENV 5426	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
2011	Understanding the Mass Contingency Plan (MCP), ENV 5637	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	R	
2015	Applied Hydrogeology	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
2005	Environmental Risk Assessment, ENV 5432	Northeastern U. Ctr. For Cont. Ed.	12 pass 8 audit	T	
2009	Toxicology of Hazardous Waste, ENV 5221	Northeastern U. Ctr. For Cont. Ed.	12 pass 8 audit	T	
2012	Environmental Chemistry in Soil/Groundwater Sys., ENV 5233	Northeastern U. Ctr. For Cont. Ed.	12 pass 8 audit	T	
1433	Northeast Private Well Symposium	NSCI	50%	T	
1224	ORTs-2	ORT-2 ISC	Various	T	
1234	Water Quality and Low Flow Sampling Seminar/Conference	Pine Env., Inc.	50%	T	
1311	Air Quality Sampling Technology Seminar	Pine Env., Inc.	5	T	
1109	Biostimulation of Aquifers Using Oxygen Releasing Compounds and other Additives	Regenesis Bioremediation	4	T	
1109A	Biostimulation of Aquifers Using Oxygen Releasing Compounds and other Additives.	Regenesis Bioremediation	8	T	
1200	Accelerated Natural Attenuation in Bedrock and Formations with Reduced Pemeability	Regenisis	5	T	
1274	Advanced Technologies for Clean-up of Brownfield Properties	Regenesis	2.5	T	
1297	In-situ Chemical Oxidation Methods, Strategies and Applications	Regenesis	2	T	
1418	Integrated Site Remediation	Regenesis	4	T	
1113	Chemical Risk Management	Risk Assessment Corporation	32	T	
1097	Risk Assessment Methods	Rizzo Assoc., Inc.	4	T	
1098	Groundwater Flow and Contaminant Transport in Bedrock Aquifers	Rizzo Assoc., Inc.	4	T	
1290	Groundwater Flow and Contaminant Transport	Shaw	4	T	
1251	Pumping-Well Tests of Typical New England Aquifers and Interpretation using the USGS Program WTAQ	Southbury Environmental	8	T	
1252	Processes and Contaminants of Other Light Industries: Electronic and Electric Devices, Textile Processing, and Rubber Processing	Southbury Environmental	8	T	
1253	Processes and Contaminants of the Metal Finishing, Surface Coating,	Southbury	8	T	

	and Dry Cleaning Industries	Environmental			
1264	Petroleum Products	Southbury Environmental	8	T	
1293	Source, Fate and Transport of Barium, Chromium, Cobalt, Copper, Lead, Selenium and Zinc	Southbury Environmental	8	T	
1300	Sources, Fate and Transport of Antimony, Arsenic, Beryllium, Cadmium, Mercury, Nickel, Silver, Thallium, Tin, Cyanide, and Perchlorate	Southbury Environmental	8	T	
1011	Field Instrumentation	Spittler Tom	16	T	
1155	Immunoassay Field-Testing	Strategic Diagnostics, Inc.	4	T	
1049	Hands-on Training for Field Portable Analytical Instrumentation	Tufts Univ	70% P 50% A	T	
1070	CEE 172 – Fate and Transport of Environmental Contaminants	Tufts Univ, Summer Term, Audit	70% P 50% A	T	
1100	Extracting Information from Environmental Data	Tufts Univ	12 pass 8 audit	T	
1124	Contaminated Soils Conference, 1998	U Mass Amherst	4~35	T	
1192	17th Annual International Conference on Contaminated Soils, Sediments and Water	U Mass Amherst	50% of hours	T	
1172	The 2000 Contaminated Soils, Sediments & Water Conference	U Mass Amherst	TBD	T	
1157	The 1999 Contaminated Soils, Sediments & Water Conference	U Mass Amherst	4~35	T	
1354	Introduction to Hydrogeology – GEO-SCI 587	U Mass Amherst	70% pass, 50% audit	T	
1355	UMass Amherst Triad Conference	U Mass Amherst	Various	T	
1223-20	Workshop 7 – Asbestos and the MCP	U Mass Soils Conf.	3	DEP R	
1223-20	Workshop 12 – Vapor Intrusion	U Mass Soils Conf.	3	DEP R	
1107	Designs for Air Impact Assessment at Hazardous Waste Sites	USEPA	21	T	
1116	Sampling for Hazardous Materials	USEPA	16	T	
1117	Treatment Technologies for Superfund	USEPA	21	T	
1118	Risk Assessment Guidance for Superfund	USEPA	25	T	
1030	Analytical Tools for Designing Subsurface Gas Extraction and control Systems	UWEX	14	T	
1147	Remediation by Natural Attenuation	UWEX	23	T	
1220	Practical Groundwater and Transport Modeling with MODFLOW	UConn	14	T	
1219	Expedited Site Assessment	UConn	4	T	
1208	Expedited Site Assessment	UConn	4	T	
1525	Field Methods in Hydrology (Jan-May 2013 offering only)	UConn	12	T	
1398	UMASS GEOTHERMAL HEAT PUMPS: Concept to Completion	U Mass Amherst	4	T	
1408	Green Remediation Conference	U Mass Amherst	50%	T	
1012	DNAPL Site Characterization/Diagnosis & Remediation	Waterloo Centre for	24	T	

		GW Research			
1014	Disolved Organic Contaminants in Groundwater	Waterloo Centre for GW Research	24	T	
1080	Technologies for Intrinsic and Semi-Passive In Situ Remediation of Groundwater	Waterloo Centre for GW Research	18	T	
1080A	The Waterloo In Situ Course – Natural Attenuation and In Situ Remediation	Waterloo Centre for GW Research	18	T	
1103	DNAPLs in Fractured Geologic Media	Waterloo Hydrogeologic, Inc.	19	T	
1128	Groundwater Modeling: Theory and Hands-On Applications Using MODFLOW-2000, MODPATH, AND MT3D	Waterloo Hydrogeologic, Inc.	25	T	